

G-4 Sub H2
Cond H2
directly with an exterior of said ink reservoir via said vent.

REMARKS

The application has been reviewed in light of the Office Action dated May 26, 1998. Claims 1, 3-5, 9 and 12 are pending in this application. By the present Amendment, claims 1, 4, 9 and 12 have been amended. It is submitted that no new matter has been added and no new issues have been raised by the present Amendment.

Claims 1, 3-5, 9 and 12 were rejected under 35 U.S.C. §112, second paragraph, as indefinite for failing to particularly point out and distinctly claim the subject matter of the invention. The claims have been amended to attend to the matters noted in the Office Action. Withdrawal of the rejection under Section 112, second paragraph, is respectfully requested.

Claims 1, 3-5, 9 and 12 were rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent 5,245,361 to Kashimura et al. in view of U.S. Patent 4,931,811 to Cowger et al. Applicant has carefully considered the Examiner's comments and the cited art, and respectfully submit that independent claims 1 and 12 are patentable over the cited art for at least the following reasons.

The claims have been amended to recite that the recording head unit includes a positioning part for engagement with the positioning part on the carriage member and that the recording head unit carries the electrical contacts for electrical interconnection.

According to these new features, accurate positioning between the recording head unit and the carriage member is guaranteed even after repeated replacement of the ink reservoir unit. In addition, reliable electrical interconnection is guaranteed between the recording head

unit and the interconnection pattern on the carriage member, since excellent positioning is guaranteed between the recording head unit and the carriage member.

Kashimura et al., as understood by Applicant, relates to an ink jet recording device having an ink tank integrated type jet recording head and a carriage for mounting the head thereon. As clearly seen in Fig. 16A of Kashimura et al., contacts 311e are provided for making connection with an electrical system of the inkjet recording apparatus. However, the contacts 311e do not appear to make contact with the carriage member itself. In addition, from the description of Kashimura et al., it appears that the electrical contacts 311e are provided on the ink reservoir and not on the recording head unit.

Cowger et al., as understood by Applicant, relates to a thermal ink jet pen. However, Applicant submits that Cowger et al. provides none of the elements missing from Kashimura et al., that would have made Applicant's claimed invention obvious to a person of ordinary skill in the art.

Accordingly, Applicant submits independent claims 1 and 12 are patentable over the cited art.

The Office is hereby authorized to charge any additional fees which may be required in connection with this amendment and to credit any overpayment to our Deposit Account No. 03-3125.

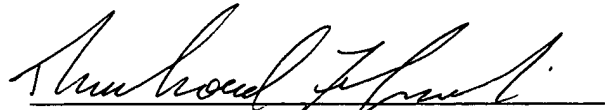
If a petition for an extension of time is required to make this response timely, this paper should be considered to be such a petition, and the Commissioner is authorized to charge the requisite fees to our deposit account No. 03-3125.

If a telephone interview could advance the prosecution of this application, the Examiner

is respectfully requested to call the undersigned attorney.

Entry of this amendment and allowance of this application are respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Richard F. Jaworski", written over a horizontal line.

RICHARD F. JAWORSKI

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